Trifluoromethanesulfonic acid
1493-13-6 | DTXSID2044397

## Model Performance

| Model | Data |
|---|---|

### Weighted KNN model

| 5-fold CV (75%) | | Training (75%) | | Test (25%) | |
|---|---|---|---|---|---|
| Q2 | RMSE | R2 | RMSE | R2 | RMSE |
| 0.87 | 0.81 | 0.87 | 0.82 | 0.86 | 0.86 |

## Model Results

**Predicted value:** 3.32 mol/L

**Global applicability domain:** Inside

**Local applicability domain index:** 3.59e-01

**Confidence level:** 6.77e-01

## Nearest Neighbors from the Training Set

Image not found
Methanesulfonic acid
**Measured:** 10.4
**Predicted:** 6.76

Image not found
Methylarsonic acid
**Measured:** 1.83
**Predicted:** N/A

Image not found
Monosodium methanearsonate
**Measured:** 3.58
**Predicted:** N/A

Image not found
2-Hydroxyethanesulfonic acid
**Measured:** 7.93
**Predicted:** 6.22

Image not found
l-Taurine
**Measured:** 6.45e-01
**Predicted:** 8.59e-01